

DETAIL SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, TELEPHONE, ELECTRICAL

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification and MIL-C-55074.

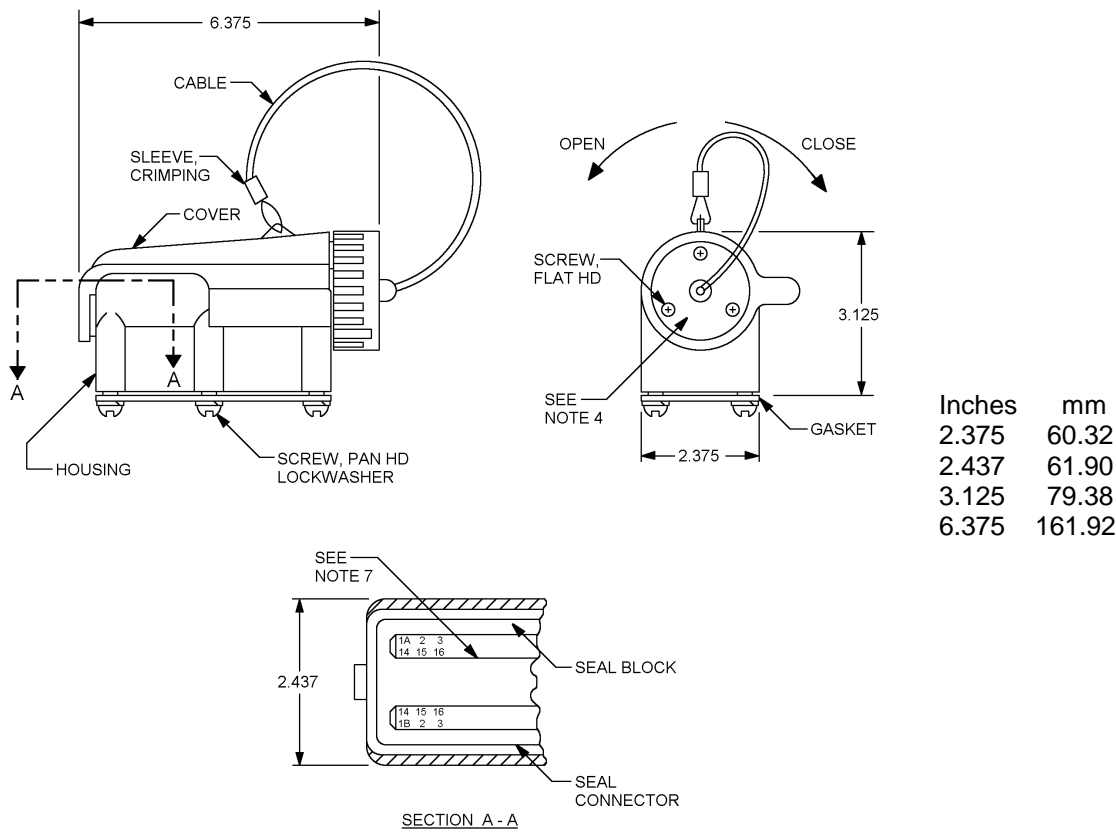
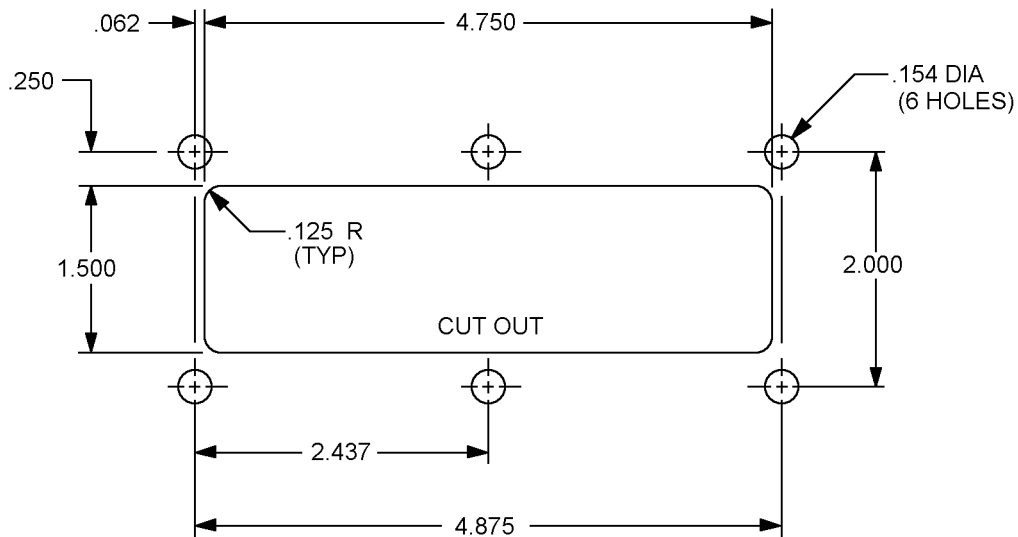


FIGURE 1. Connector receptacle.

MIL-DTL-55074/3B



CONNECTOR MOUNTING HOLE PATTERN

Inches	mm
.062	1.57
.125	3.18
.154	3.91
.250	6.35
1.500	38.10
2.000	50.80
2.437	61.90
4.750	120.65
4.875	123.82

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .015$ inch (0.38 mm).
4. Marking to appear in area shown. Marking to consist of manufacturer's name or CAGE code, CONN. RECP. ELEC., U-187A/G (M55074/3), molded in characters approximately .125 inch (3.18mm) high.
5. This connector mates with MIL-DTL-55074/1 (U-185B/G).
6. Turning collar lock to left unlocks cover for mating; turning to right locks cover. (See applicable end view, page 1).
7. See MIL-DTL-55074/4 for contact assembly specifications.
8. M55074/3 represents U-187A/G where applicable in MIL-C-55074.
9. Connector shall be manufactured in accordance with drawing number SC-DL-173820.
10. Connector must conform to the interchangeability requirements of gage number SC-GL-57997.

FIGURE 1. Connector receptacle – Continued.

MIL-DTL-55074/3B

REQUIREMENTS:

Dimensions and configurations: See figure 1.

Material:

Housing – Aluminum, commercial alloy 380 in accordance with SAE-AMS-QQ-A-591, finish in accordance with MIL-F-14072.

Cover – Aluminum, commercial alloy 380 in accordance with SAE-AMS-QQ-A-591, finish in accordance with MIL-F-14072.

Seal, block – Low temperature neoprene, M3BA507F19 in accordance with ASTM D2000, or equivalent.

Seal, connector – Silicone rubber, class 2B, grade 40, in accordance with A-A-59588.

Gasket – Neoprene.

Cable – .062 diameter, 7 wires (.010) stranded x 7 to .032 diameter in accordance with ASTM A580/A 580M (9 inch cut length). Corrosion resistant steel, in accordance with MIL-DTL-83420.

Screw, machine pan head, slotted - #8-32 NC x .625 lg in accordance with MS51957-46.

Washer, lock, split, – #8 size, part MS35338-42 in accordance with NASM35338.

Sleeve, crimping – Copper, zinc plated.

Screw, machine, flat – Countersunk head, cross-recessed, #6-32 NC .312 lg., NASM51959-24.

Part or Identifying Number (PIN): M55074/3-01.

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

CONCLUDING MATERIAL

Custodians:
Army - CR
DLA - CC

Preparing activity:
DLA - CC

(Project 5935-4437-003)